



WAT Motor  
Sanayi ve Ticaret A.Ş.



## Smoke Extraction Motor F300 2 Hour EN 12101-3

Motor Type: S2H132S4-8B40-KG

### Electrical Data

| RATED VALUES |       |    |       |         |        |            | STARTING VALUES |      |             | BREAKDOWN    | EFFICIENCY |     |     | EFFICIENCY CLASS |
|--------------|-------|----|-------|---------|--------|------------|-----------------|------|-------------|--------------|------------|-----|-----|------------------|
| VOLTAGE      | POWER |    | SPEED | CURRENT | TORQUE | Cos $\Phi$ | CURRENT         |      | TORQUE      | TORQUE       |            |     |     | IEC 60034-30-1   |
| V            | kW    | Hz | rpm   | A       | Nm     | 4/4        | $I_A / I_N$     | YY   | $M_A / M_N$ | Mk/ Mn<br>Nm | 4/4        | 3/4 | 2/4 | IE               |
| 400          | 5     | 50 | 1476  | 10,2    | 32,3   | 0,83       | 8,20            |      | 2,10        | 3,60         | 85,9       |     |     |                  |
| 400          | 1,3   | 50 | 739   | 4,1     | 16,8   | 0,58       |                 | 4,20 | 1,50        | 2,60         | 75,2       |     |     |                  |
|              |       |    |       |         |        |            |                 |      |             |              |            |     |     |                  |
|              |       |    |       |         |        |            |                 |      |             |              |            |     |     |                  |

### Mechanical Data

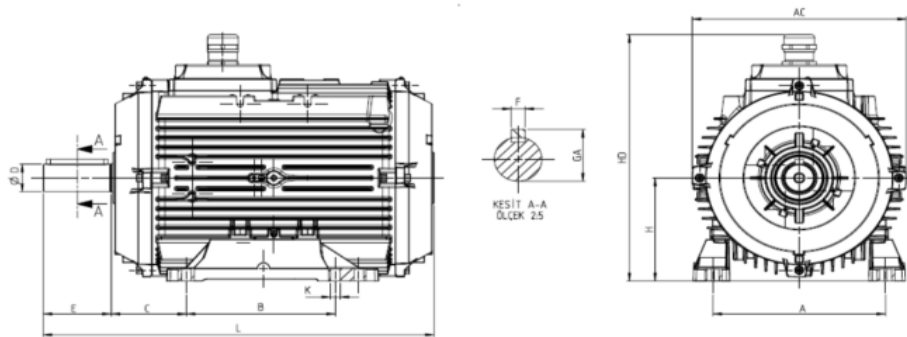
|                            |                                |                          |              |
|----------------------------|--------------------------------|--------------------------|--------------|
| Bearing DE                 | 6208 ZZ C4 DUPONT260C ORS      | Color                    | Optional     |
| Bearing NDE                | 6208 ZZ C4 DUPONT260C ORS      | Motor protection         | Optional     |
| Lubricants                 | Dupont GPL 226 Krytox (260 C°) | Method of cooling        | IC 418       |
| Condensation drain hole    | No                             | Terminal box position    | Top          |
| External earthing terminal | Yes                            | Material of terminal box | Aluminium    |
| Vibration class            | A                              | Cable gland              | M32x1.5      |
| Insulation class           | H                              | Clamping range           | 18-25        |
| Duty type                  | S1                             | Mounting type            | IM 1001 (B3) |
| Direction of rotation      | Clockwise                      |                          |              |
| Housing material           | Aluminium                      |                          |              |
| Type of balancing          | Half Key                       |                          |              |

### Enviromental Data

### Others

|                          |               |                                       |                               |
|--------------------------|---------------|---------------------------------------|-------------------------------|
| Ambient temperature      | -20 / + 40 °C | Type of protection                    | IP56                          |
| Altitude above sea level | 1000 m        | Sound pressure level 50/60Hz          | dBA 59/62                     |
|                          |               | Moment of inertia (kgm <sup>2</sup> ) | 0,14136                       |
|                          |               | Standard                              | IEC 60034-1                   |
|                          |               | Weight (kg)                           | 60,4                          |
|                          |               | Resistance to fire                    | 300 C° 2 Hour F300 EN 12101-3 |

### Dimensions



| Main Dimensions |     | Foot Mounted Motors |     |     |     |    |    | Shaft |    |    |    | Flange Mounted Motors |   |   |   |
|-----------------|-----|---------------------|-----|-----|-----|----|----|-------|----|----|----|-----------------------|---|---|---|
| AC              | L   | B                   | A   | H   | HD  | K  | C  | D     | E  | GA | F  | P                     | N | M | S |
| 260             | 490 | 140                 | 216 | 132 | 323 | 12 | 89 | 38    | 80 | 41 | 10 |                       |   |   |   |